

What is claimed is;

1. A radioactive waste treatment facility comprising;  
a transferring means for transferring solidifying  
5 container,

a solidifying agent injecting and kneading means for  
preparing a solidifying agent paste by kneading a  
solidifying agent and additive water, and injecting said  
solidifying agent paste into <sup>4B</sup> said solidifying container  
10 at a first location of the upstream side in a transferring  
direction of said transferring means, and

a waste charging and kneading means, which is capable  
of charging radioactive waste into said solidifying  
container at the second location in the downstream of the  
15 first location in the transferring direction of the  
transferring means and of kneading the radioactive waste  
in said solidifying container.

2. A radioactive waste treatment facility as claimed  
20 in claim 1, wherein;

said solidifying agent injecting and kneading  
means comprises;

a kneading vessel, whereto the solidifying agent and  
the additive water is supplied;

25 a first kneading blade for agitating inside of said  
kneading vessel;

an out-drum type kneader of solidifying agent for  
preparing said solidifying agent paste; and

preparing  
paste

mix past  
+ waste

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an injecting means for injecting said solidifying agent paste in said kneader of solidifying agent into said solidifying container.

- 5 3. A radioactive waste treatment facility as claimed in claim 1, wherein;

said waste charging and kneading means comprises;

- an elevating means for elevating said solidifying container, which has been transferred to the second  
10 location by said transferring means, upward from transferring line of said transferring means; and

- an in-drum type waste kneader, which charges radioactive waste into said elevated solidifying container and performs kneading in said solidifying  
15 container with second kneading blades.

4. A radioactive waste treatment facility as claimed in claim 1, wherein;

- said solidifying agent injecting and kneading  
20 means is installed in an area separated by partition wall from said waste charging and kneading means.

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